

Subject: **Draft Final Minutes, Quarterly Restoration Advisory Board (RAB) Meeting, Longhorn Army Ammunition Plant (LHAAP)**

Location of Meeting: **Karnack Community Center, Karnack, Texas**

Date of Meeting: **January 19, 2012, 6:30 – 08:00 PM**

Meeting Participants:

LHAAP/BRAC: Rose M. Zeiler, Tom Lederle
USACE: John Lambert, Aaron Williams
USAEC: Cathy Kropp
Shaw Environmental: Praveen Srivastav, Kay Everett
TCEQ: Fay Duke
USEPA Region 6: Steve Tzhone, Charles Faultry, Rich Mayer, Terry Burton
USGS: Kent Becher, Bob Joseph
RAB: **Present:** Paul Fortune, Ken Burkhalter, Carol Fortune, Lee Guice, Judith Johnson, Ted Kurz, Richard LeTourneau, Nigel Shivers, Judy Van Deventer, Tom Walker
Absent: Robert Cargill, Charles Dixon, Jim Lambright, E.V. Wilson, Pickens Winters

Public: Daren Horton, Robert Speight, Bill Stephenson, Jonna Fitzgerald, Jeff Thompson (Harrison Co. Commissioner), Dawn Orsak (CLI - TAG), Kathryn Burger (CLI), Glenn Evans (Longview News-Journal), Hugh Taylor (Harrison Co. Judge), Jamie Fortune, Patrick Fortune

An agenda for the RAB meeting was distributed prior to the meeting. Paul Fortune called the meeting to order.

Welcome – Rose Zeiler

Tom Lederle and Bob Joseph were introduced.

Open Items – Rose Zeiler

Charter Revision Discussion

The RAB charter is needed to be revised to bring it into alignment with current RAB rules. The intent was to have it finished tonight.

RAB Question and Answer - AEC

If there are additional comments, please get them to Cathy Kropp and she will consolidate them. She will send the draft in the mail or the RAB could get together and discuss in order to develop the second draft.

Co-Chair Elections

It was suggested that the co-chair elections be removed from the agenda until the charter is approved.

Defense Environmental Restoration Program (DERP) Performance Based Contract (PBC) Update–Shaw

Document Status/Environmental Sites

Copies of the document status table were distributed and Praveen Srivastav discussed each site.

- LHAAP-03: This document is in regulator review.
- LHAAP-04: Regulatory comments received and response to comments has been submitted to Army on 1/13/12.
- LHAAP-12 RA(O): Years 1 and 2 RA(O) report and Years 3 and 4 are in comment resolution phase.

Groundwater Treatment Plant (GWTP) Update

The GWTP operated normally during the past quarter. No major issues to report. The creeks have been dry and, therefore, effluent water is being injected at site LHAAP-18/24 and also sprinkled. The purpose of the INF pond is used as temporary storage when needed. Sprinkling occurs when discharge into the creek is not possible because of lack of flow.

Perimeter Well/Surface Water Sampling (Creek) Results and Update

The creeks were dry during the September sampling event; however, samples were collected during the December event and are provided. Results from five locations were below the TCEQ GW-RES for perchlorate. The next perimeter well semiannual sampling event is scheduled for March along with the quarterly creek monitoring event.

DERP Total Environmental Restoration Contract (TERC) Update – Rose Zeiler

LHAAP-35B(37) and LHAAP-67 RD

The LHAAP-35B(37) and LHAAP-67 Remedial Design document is available at the Marshall Public Library. Aaron Williams provided a presentation on these two sites. The selected remedy for both sites is Monitored Natural Attenuation (MNA) and Land Use Controls. At LHAAP-37 the monitoring network will consist of 6 wells within the plume to evaluate MNA

and 9 wells that are located outside the plume to ensure contaminated groundwater does not migrate to surface water at unacceptable levels and to confirm plume limits and 2 surface water sampling locations. There will be some additional wells installed at LHAAP-37. Because a bioplug study will be conducted for 2 years at LHAAP-37, natural attenuation will be monitored after the bioplug study.

At LHAAP-67 the monitoring network will consist of 3 wells within the plume to ensure contaminated groundwater does not migrate to surface water at unacceptable levels and to confirm plume limits and 10 wells that are located outside the plume to ensure contaminated groundwater does not migrate to surface water at unacceptable levels and to confirm plume limits and 2 surface water sampling locations. There will be some additional wells installed at LHAAP-67

Military Munitions Response Program (MMRP) Update – USACE

There is nothing new to discuss.

Other Environmental Restoration Issues/Concerns

DNT Isomer at Longhorn

Steve Tzhone introduced the EPA team that included Charles Faultry, Terry Burton and Rich Mayer, Barry Forsythe (Fish and Wildlife liaison), and the USGS team that supports EPA and includes Kent Becher (USGS) and Bob Joseph (USGS).

Steve discussed the isomer issue and the fact that there is not a reliable method to analyze samples. Wisconsin may have a policy in place to address all 6 isomers; however, Texas does not have a regulatory mandate. When a method or regulatory mandate becomes available, Steve will provide. EPA is currently working on this.

Rich Mayer talked about the tree core project the EPA is performing at Longhorn AAP. The research will explore relationship between groundwater results and the tree cores, and may lend information on absorption factor which varies by the type of tree. This is a pilot project researching the uptake of perchlorate.

Kent discussed the recent split sampling schedule with sampling at the installation. He indicated that he observed sampling techniques and conducted a quality control review of the sampling results received after split sampling. Kent indicated that all sampling techniques observed were conducted in accordance with standard industry state and federal procedures and that quality control criteria were met in comparing sampling data.

Look Ahead at the Schedule

EPA plans to split samples at LHAAP-18/24, LHAAP-12, LHAAP-16, and creek sampling coming up in March.

Adjourn

January Meeting Attachments and Handouts:

- *Status of Technical Documents PBC*
- *Meeting Agenda*
- *Surface Water Sampling Results and location map*
- *LHAAP-35B(37) and LHAAP-67*
- *EPA Presentations*
- *Look Ahead*

Acronyms

<i>DERP</i>	Defense Environment Response Program
<i>EE/CA</i>	Engineering Evaluation/Cost Analysis
<i>FS</i>	Feasibility Study
<i>GWTP</i>	Groundwater Treatment Plant
<i>MMRP</i>	military munitions response program
<i>PBC</i>	Performance Based Contract
<i>RA(O)</i>	Remedial Action Operations
<i>RD</i>	Remedial Design
<i>RFI</i>	Request for Information
<i>ROD</i>	Record of Decision
<i>USGS</i>	United States Geological Survey